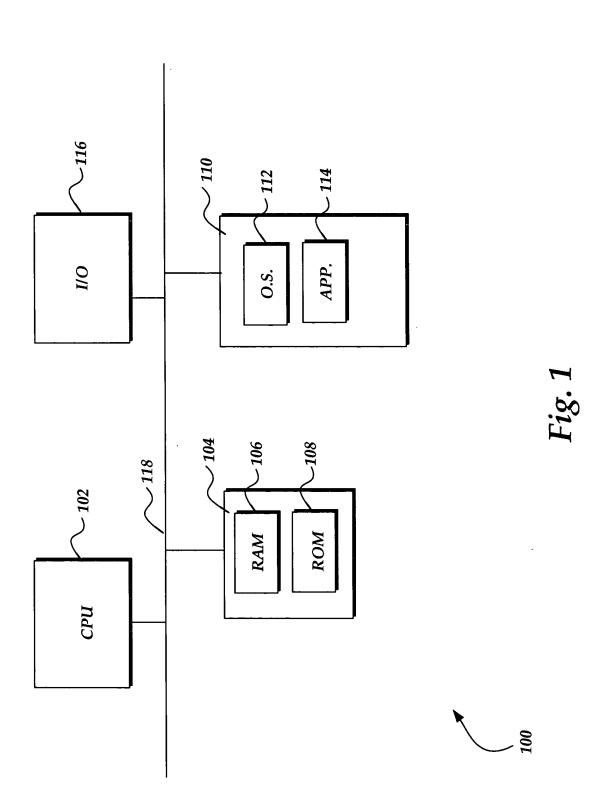
Inventor. Sergiy B. Vakovley, Feliks Polyudov
Docket No.: 60046.0059US01
Title: Methods, Computer Systems, and Computer Readable Media For Changing Module
Pointer Values Upon Switches Between Different Modes of Memory Addressing
Attorney Name: Jeramie J. Keys, Esq.
Phone No.: 404.954.5100
Sheet 1 of 5

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Inventor: Sergiy B. Yakovley; Feliks Polyudov

Docket No.: 60046.0059US01

Title: Methods, Computer Systems, and Computer Readable Media For Changing Module Pointer Values Upon Switches Between Different Modes of Memory Addressing Attorney Name: Jeramie J. Keys, Esq. Phone No.: 404.954.5100 Sheet 2 of 5

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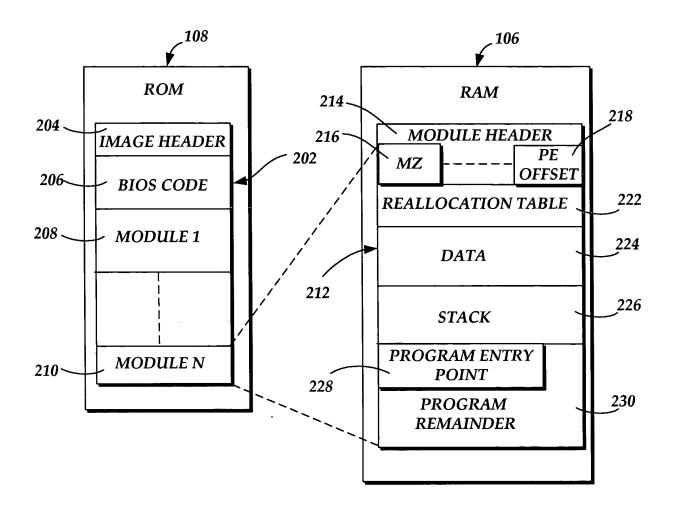


Fig. 2

Inventor: Sergiy B. Yakovley: Feliks Polyudov Docket No.: 60046.0059US01

Title: Methods, Computer Systems, and Computer Readable Media For Changing Module Pointer Values Upon Switches Between Different Modes of Memory Addressing

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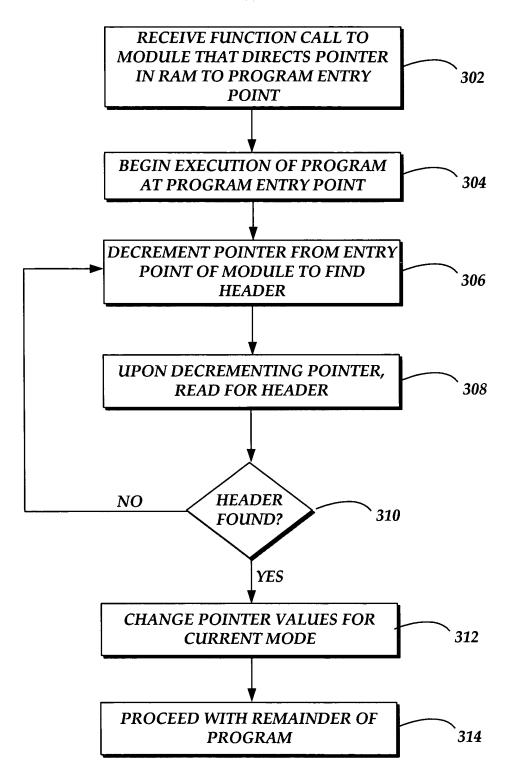


Fig. 3

Inventor: Sergiy B. Yakovley: Feliks Polyudov

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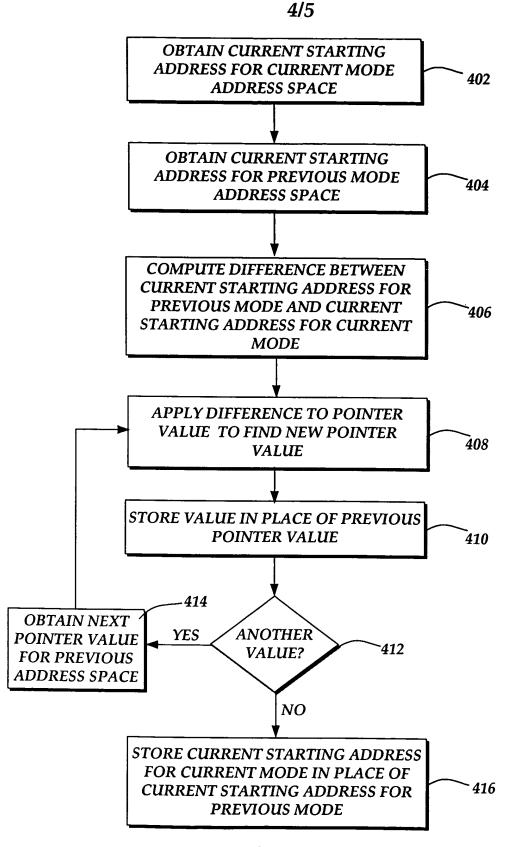


Fig. 4

Title: Methods, Computer Systems, and Computer Readable Media For Changing Module Pointer Values Upon Switches Between Different Modes of Memory Addressing Attorney Name: Jeramie J. Keys, Esq. Phone No.: 404.954.5100 Sheet 5 of 5 5/5 **OBTAIN CURRENT STARTING** ADDRESS FOR PREVIOUS MODE 502 ADDRESS SPACE **OBTAIN FIRST POINTER VALUE FOR** 504 PREVIOUS MODE ADDRESS SPACE **COMPUTE DIFFERENCE BETWEEN CURRENT STARTING ADDRESS FOR** 506 PREVIOUS MODE AND POINTER **VALUE FOR PREVIOUS MODE** APPLY DIFFERENCE TO CURRENT STARTING ADDRESS FOR CURRENT MODE ADDRESS SPACES TO FIND 508 **NEW VALUE** STORE VALUE IN PLACE OF **OBTAINED VALUE** 510 514 **OBTAIN NEXT** ANOTHER YES ADDRESS VALUE 512 **VALUE? FOR PREVIOUS** ADDRESS SPACE NO STORE CURRENT STARTING ADDRESS FOR CURRENT MODE IN PLACE OF 516 **CURRENT STARTING ADDRESS FOR PREVIOUS MODE**

Inventor: Şergiy B. Yakovlev; Feliks Polyudov

Docket No.: 60046.0059US01

Fig. 5